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Applicant: Tadayuki SUZUKI et al.

For: Freshness-keeping agent for plants

Serial No.: 09/744 678

Group: 1616

Filed: April 10, 2001

Examiner: A. Pryor

Attorney docket

No.: 0425-0821P

The Commissioner of Patents and Trademarks

Washington, D.C. 20231

DECLARATION UNDER 37 CFR 1.132

I, Tadayuki SUZUKI, declares as follows:

I am one of the co-inventors of the invention as claimed and described in the instant patent application. I have carried out additional tests, procedures and results of which are described below.

Example 13 and 14 were carried out in the same way as Example 2 of the instant patent application except for the effective components and their concentrations as shown in Table 22 and 23. That is, a composition comprising decyl polyglucoside (A) and trehalose (B) and another composition comprising decyl polyglucoside and gibberellin (C) were tested with changed concentrations in water.

Test results are shown in Table 22 and 23. It is noted from the test results that the synergistic result of the tested composition significantly appears in view of the number of days for preservation of rose flower in comparison with zero concentration of (A). 0.5 wt.% of (A) is found to be too thick

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to preserve the flower.

Table 22

	Concentration of decyl polyglucoside (% by weight)					
	0	0.0001	0.001	0.01	0.1	0.5
Concentration of trehalose (% by weight)	0	3	3	4	4	3
	0.1	3	9	10	11	8
	0.5	4	9	12	12	8
	1	5	10	14	15	9
	2	6	12	16	16	11
	5	5	11	15	15	10
	10	3	10	12	11	9

Table 23

	Concentration of decyl polyglucoside (% by weight)					
	0	0.0001	0.001	0.01	0.1	0.5
Concentration of gibberellin (ppm by weight)	0	3	3	4	4	3
	0.01	4	8	10	10	9
	0.1	4	9	10	10	9
	1	3	10	12	12	11
	10	3	10	12	12	11
	100	3	9	11	12	10
	1000	2	8	10	10	8

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I hereby declare that all statements made herein of any own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United State Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: March 11, 2002



Tadayuki SUZUKI